

JOB HAZARD ANALYSIS

Location(s):	Campus grounds	Analysis By:	Sandra Prior	Date:	
Division:	Facilities Management	Supervisor:	Dave Shepard	Frequency:	As needed
Category:	Carpentry			JHA Number:	5
Title of Job:	Woodworking Band Saw				

REQUIRED PERSONAL PROTECTIVE EQUIPMENT/TRAINING:

Hearing protection, safety glasses, steel-toed shoes

SCOPE DESCRIPTION:

A compilation of the day to day activities of carpenter staff using the woodworking band saw.

Task #	Description	Hazard(s)	Control(s)
1	Place material in front of blade on work platform	a) Debris on platform b) Accidentally start saw while preparing c) Awkward posture - lifting and twisting (material handling) d) Forceful exertion lifting heavier pieces of wood	1.a) Inspect to ensure clean work platform b) Electrically isolate before starting anything else c) Implement lift/materials handling training d) Cover in lift/materials handling training
2	Turn on saw	a) Electrical shock b) Exposed blade c) Noise d) Blade break	a) Inspect electrical cord and switch b) Adjust guard to 1/8" above wood to be cut c) Hearing protection d) Inspect blade and wear eye protection
3	Push piece of material through blade	a) Knots/nails in wood – kickback b) Amputation or cuts – hands contact with blade c) Saw dust in eyes d) Saw dust inhaled (toxic – hardwoods) e) Awkward postures due to leaning and reaching	a) Inspect wood and push through slowly. b) Ensure safe zone is identified and jigs or push sticks are used if hand would leave the safe zone c) Eye protection d) Engage dust collection system and ensure it is included in monitoring program e) Position body to avoid exposure to awkward and sustained postures (Cover in body posture training)
4	Shut off saw and remove material from platform	a) Exposed blade – cuts b) Material fall and strike feet	a) Keep hands away from blade, shut off saw, use a push stick to remove pieces close to blade b) Wear safety footwear

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5	Clean off saw	a) Saw dust in eyes b) Saw dust inhaled	a) Eye protection b) Disposable respirator (N95) c) Wear coveralls to protect clothing and skin from sawdust accumulation 4) Never use compressed air hose to clean saw dust off clothing or skin
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